

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (canceled)

2. (canceled)

3. (currently amended) An electrical apparatus, comprising:

a battery box;

a seat which is provided on the battery box to support ~~a~~ the current conducting terminal, said current conducting terminal being in contact with either a positive or a negative electrode of one battery and in contact with an electrode of opposite polarity of another battery for conducting current between the two batteries and comprising

one electrode which is in contact with the either positive or negative electrode of the one battery by means of a contact on the one electrode;

another electrode which is in contact with the electrode of opposite polarity of the another battery by means of another contact on the another electrode; and

a conductive polymer which is placed between the one electrode and the another electrode; and

a holding means which (a) is provided on the seat of ~~on~~ the current conducting terminal ~~according to Claim 2~~, and (b) secures the current conducting terminal.

4. (canceled)

5. (previously presented) A current conducting terminal adapter which is attached to a current conducting terminal which is in contact with either a positive or a negative electrode of a battery for conducting current to a circuit, comprising:

a relay current conduction piece which comprises

one electrode which is in contact with the current conducting terminal;

another electrode which is in contact with the electrode of opposite polarity of the battery; and

a conductive polymer which is placed between the one electrode and the another electrode; and

a resin body which holds the relay current conduction piece, and is attachable to or detachable from the current conducting terminal.

6. (new) The electrical apparatus of claim 3 wherein the contact and the another contact are exposed while other parts of the current conducting terminal are encased in a resin body

7. (new) The electrical apparatus of claim 3 wherein the conductive polymer exhibits a PTC characteristic.

8. (new) The current conductive terminal adapter of claim 5 wherein the conductive polymer exhibits a PTC characteristic.